TOSHIBA

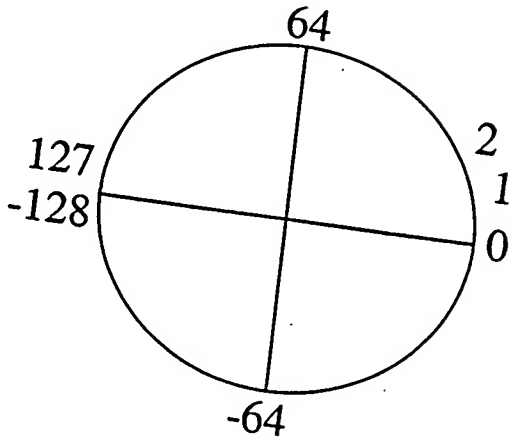

FIG. 1 (PRIOR ART)

TOSZOT"OTTSOOT

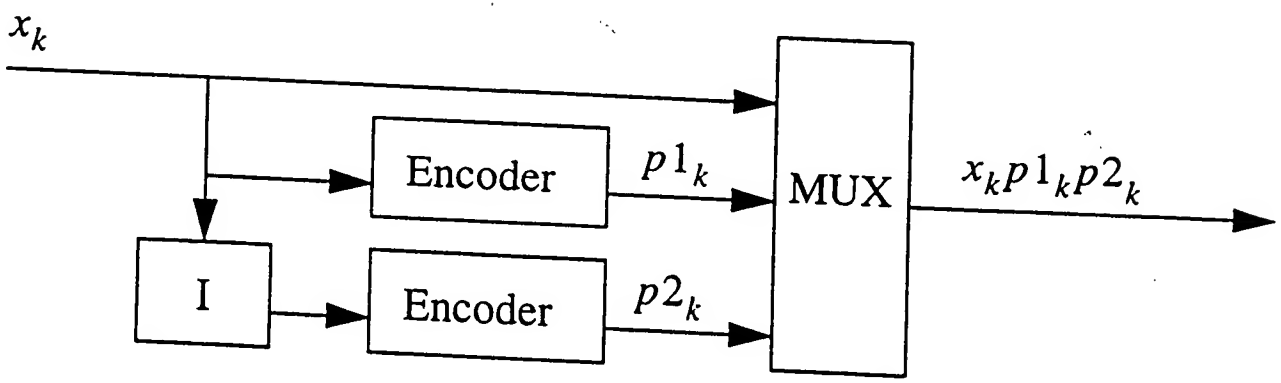

FIG. 2 (PRIOR ART)

T0920T"0TTE80T

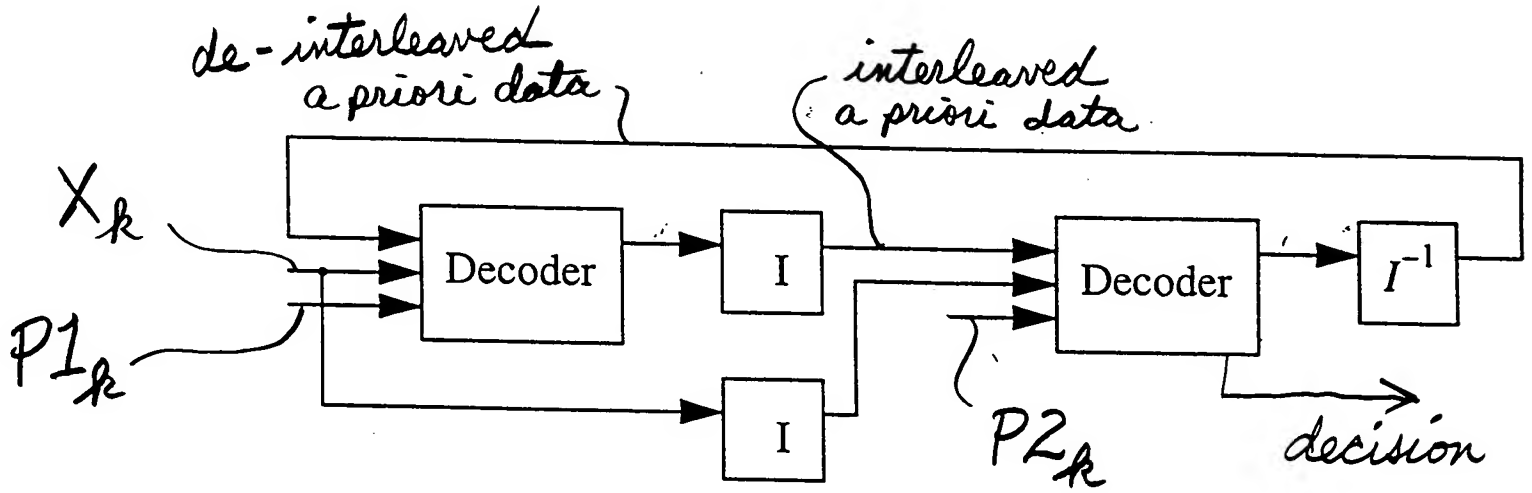

FIG. 3 (PRIOR ART)

TOSHIBA TECHNOLOGY

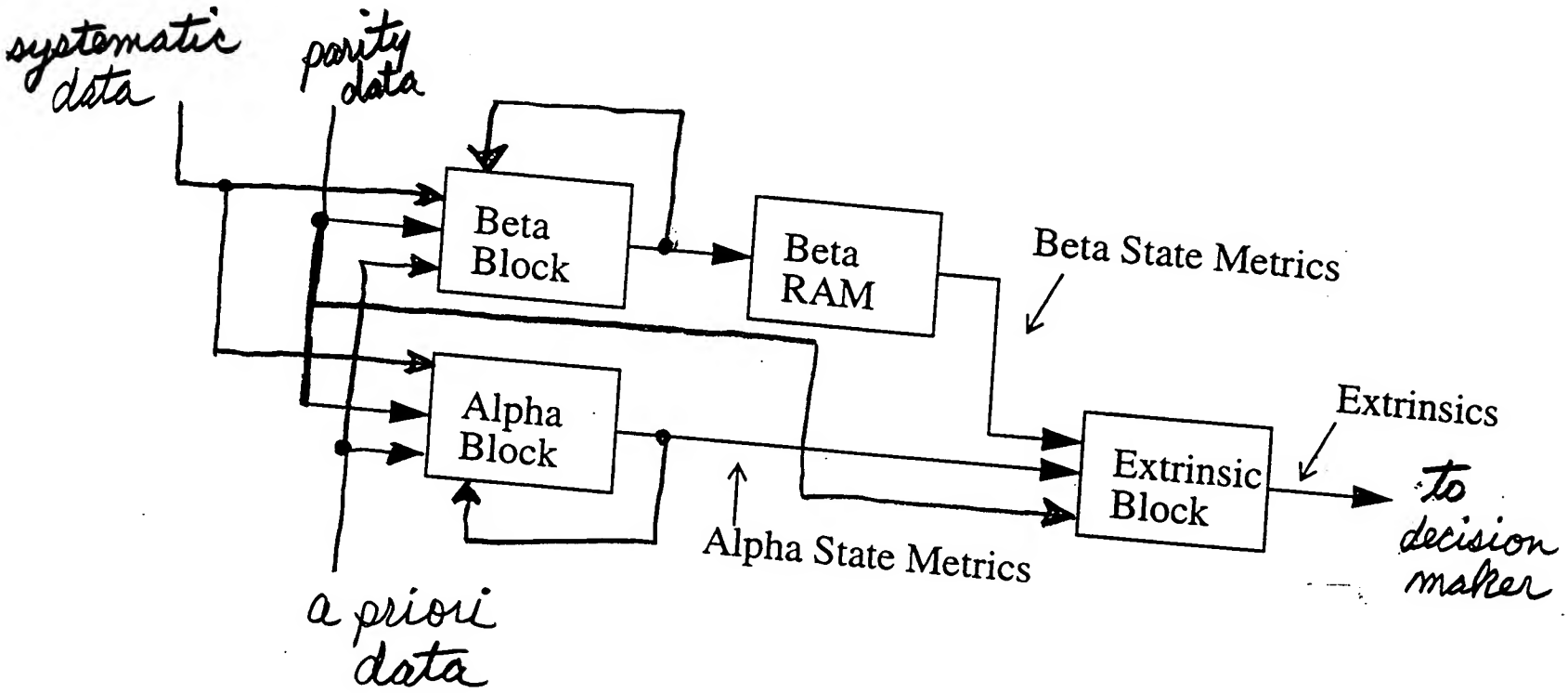

FIG. 4 (PRIOR ART)

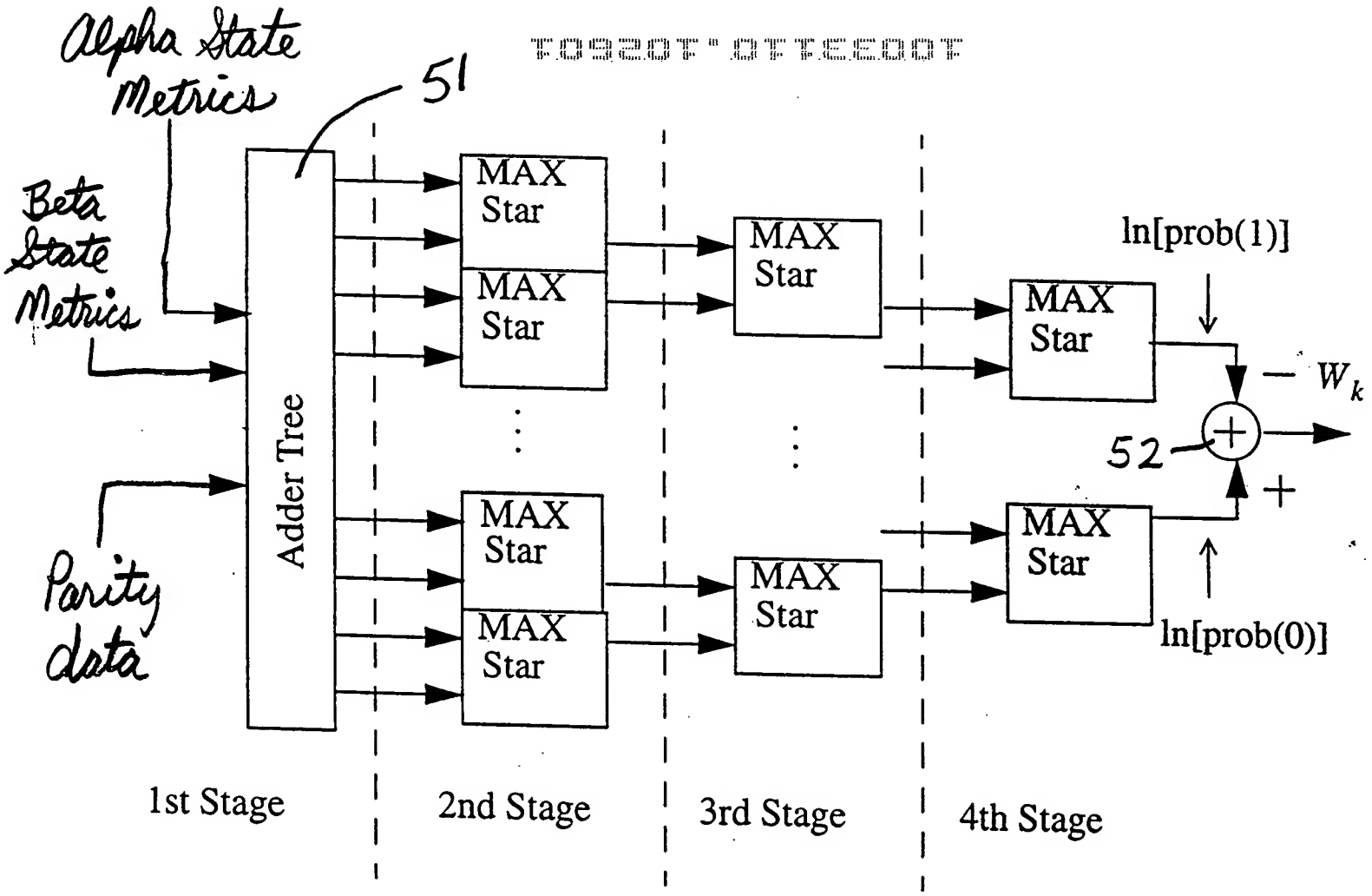

FIG. 5 (PRIOR ART)

T09207 "0TE2E07

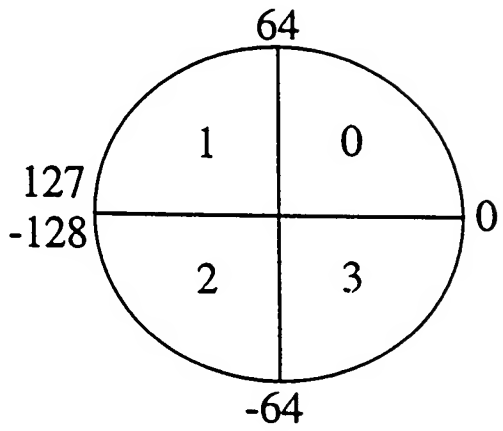

FIG. 6

TOSZOT"OTTESOT

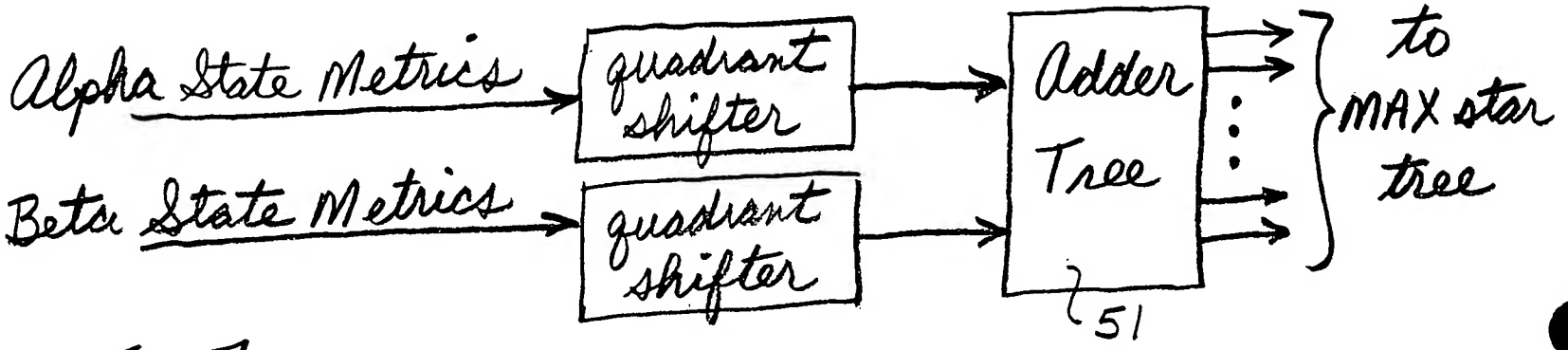

FIG. 7

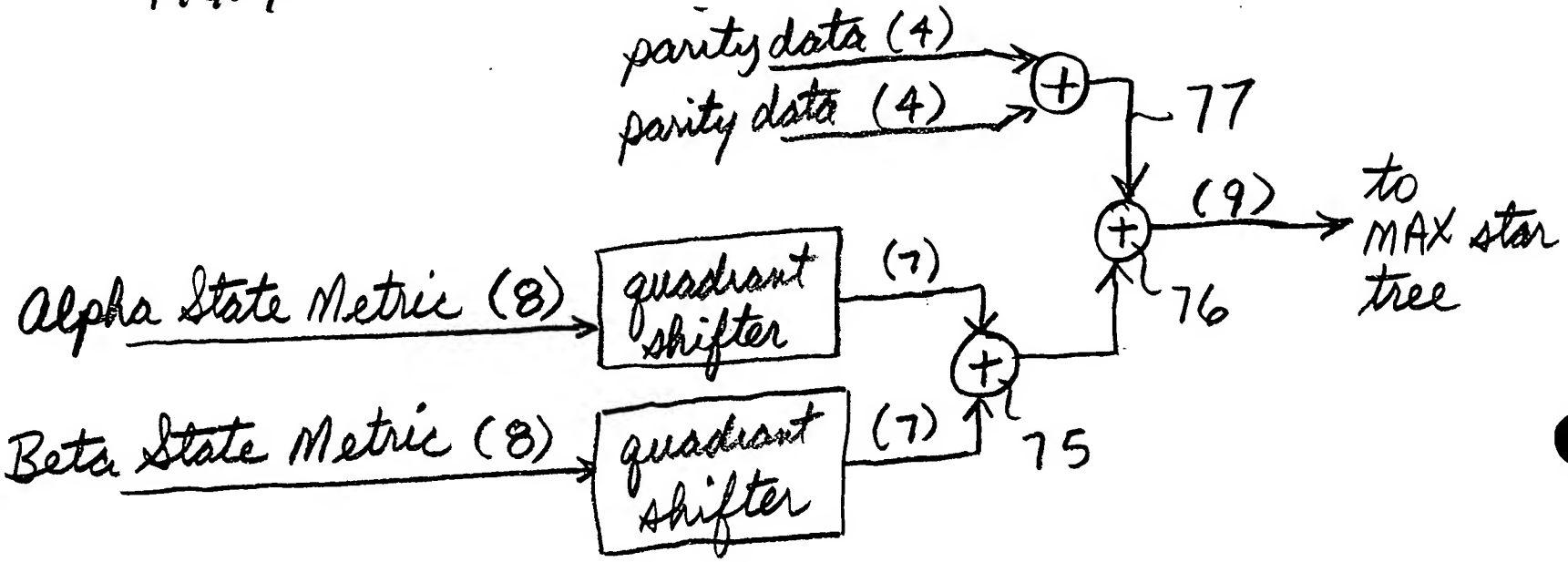

FIG. 7A

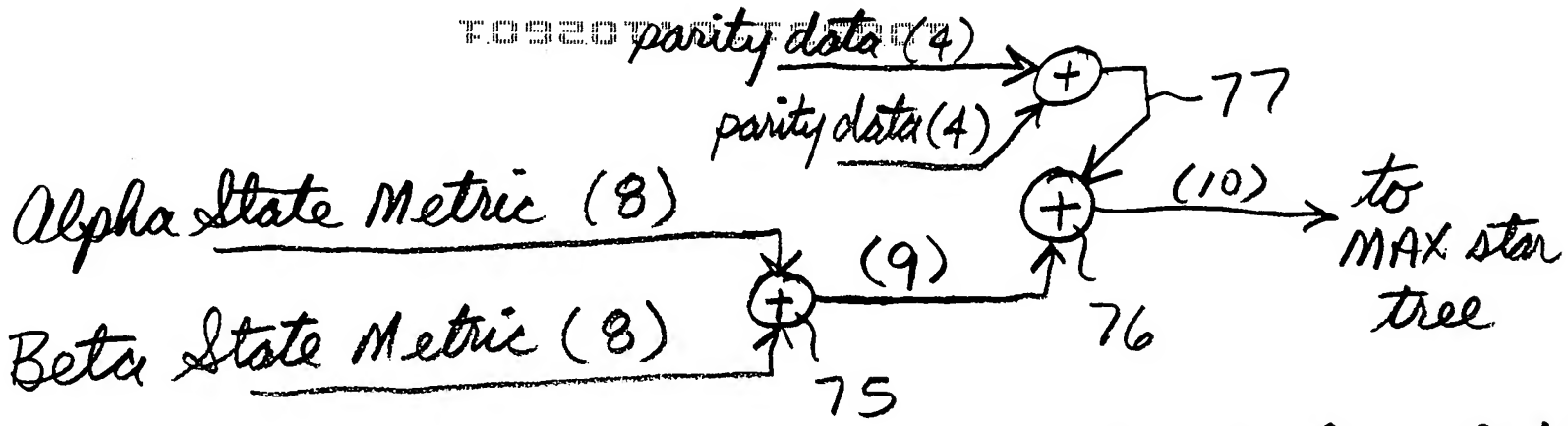

FIG. 8 (PRIOR ART)

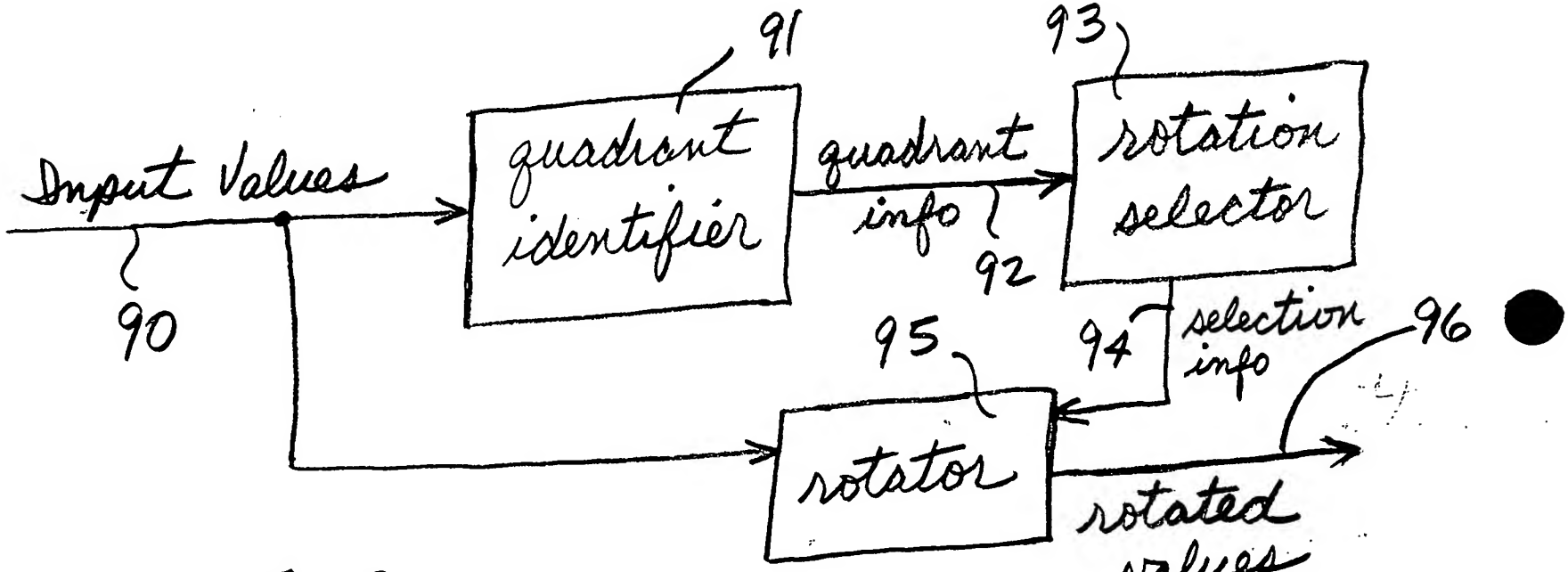

FIG. 9

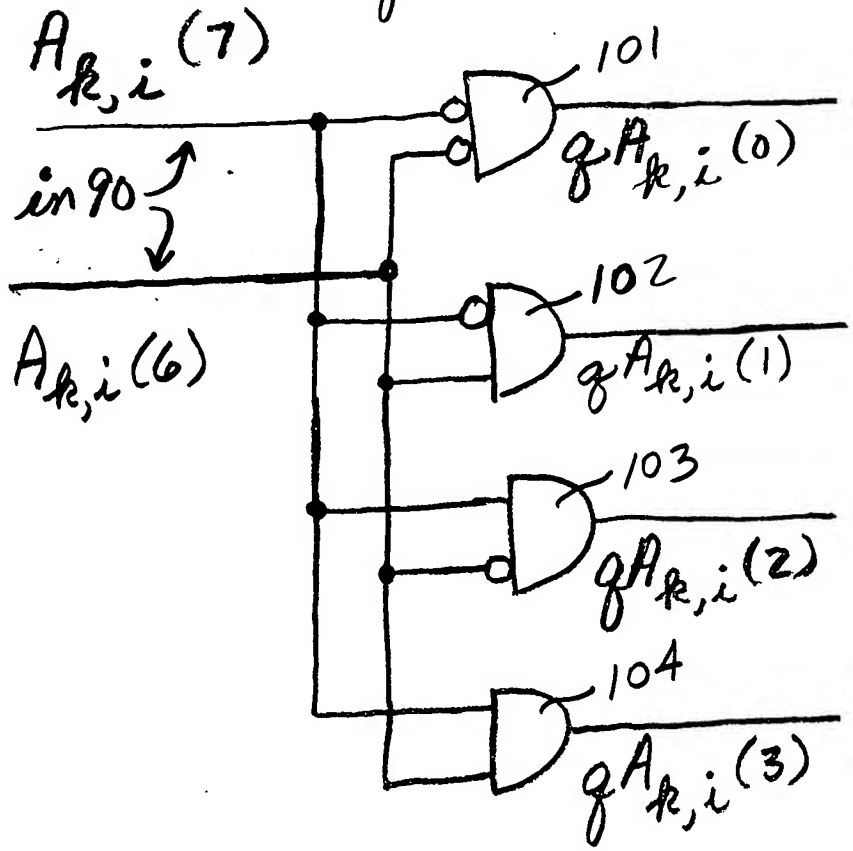
for i=0,1,...S-1
$A_{k,i}(7)$
in 90
$A_{k,i}(6)$
101
$qA_{k,i}(0)$
102
$qA_{k,i}(1)$
103
$qA_{k,i}(2)$
104
$qA_{k,i}(3)$
in 91

FIG. 10

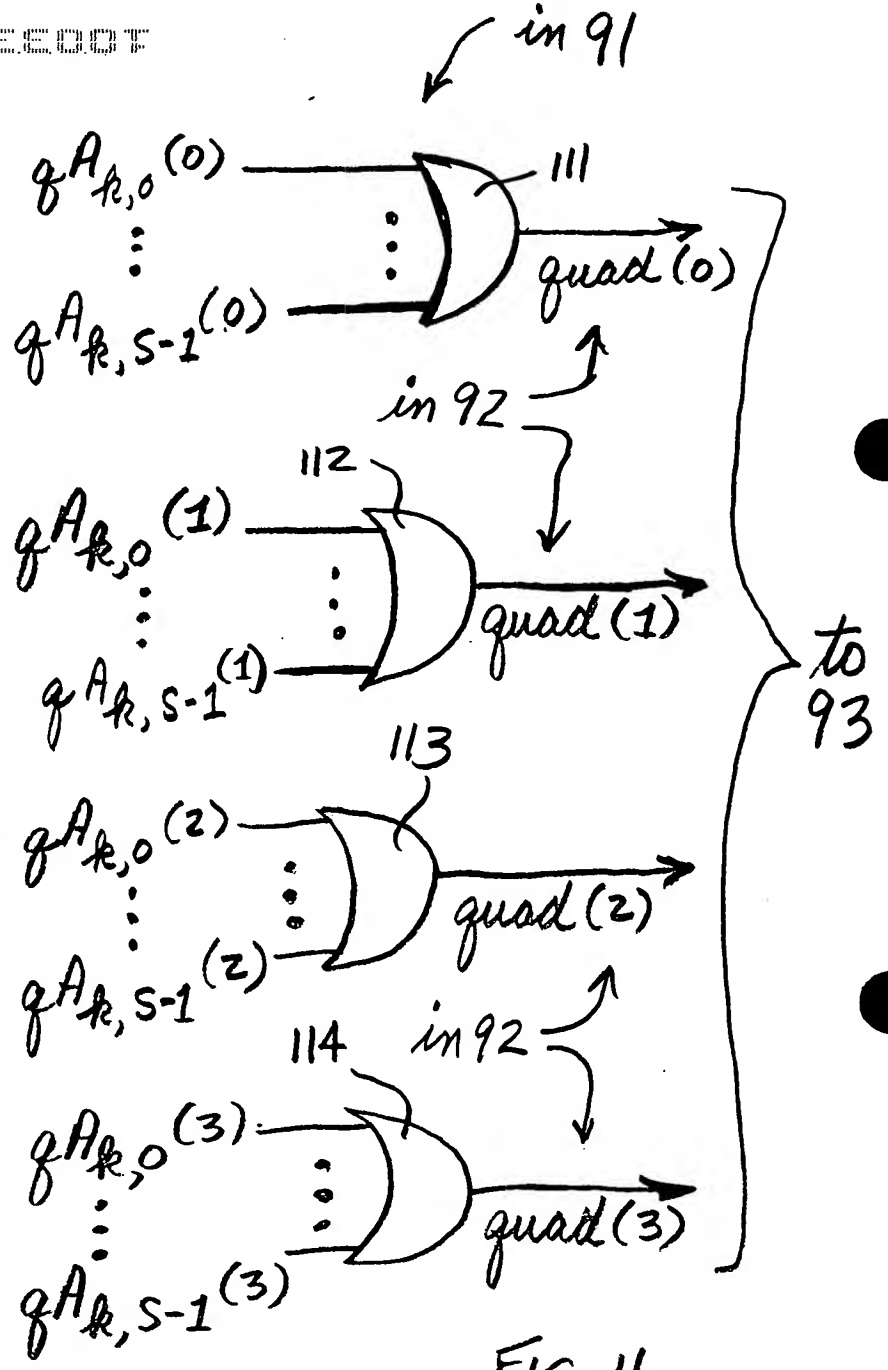
in 91
$qA_{k,0}(0)$
$qA_{k,S-1}(0)$
111
quad(0)
in 92
112
$qA_{k,0}(1)$
$qA_{k,S-1}(1)$
quad(1)
to 93
113
$qA_{k,0}(2)$
$qA_{k,S-1}(2)$
quad(2)
114
in 92
$qA_{k,0}(3)$
$qA_{k,S-1}(3)$
quad(3)

FIG. 11

input quadrant(s)	rotation operation	output quadrant(s)
0	-64	3
1	-64	0
0 and 1	-64	0 and 3
2	+64	3
1 and 2	+128	0 and 3
3	+64	0
2 and 3	+64	0 and 3
0 and 3	none	0 and 3

FIG. 12

T0920F "OFFICE"

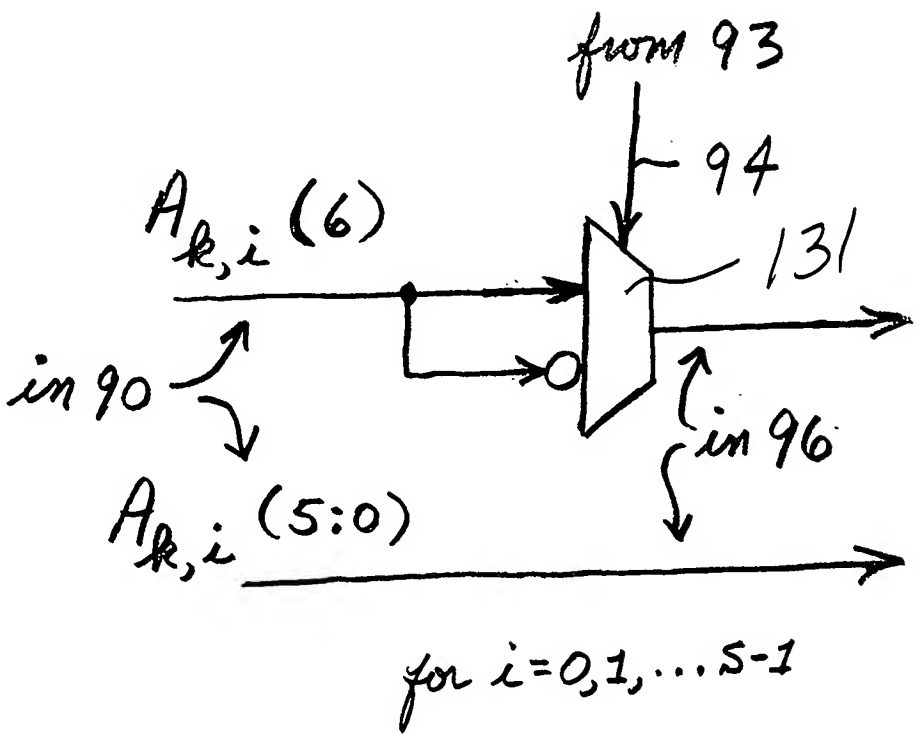

FIG. 13